

Amendment  
Serial No.: 10/612,784  
Attorney Docket No.: ORW01-GN004

RECEIVED  
CENTRAL FAX CENTER

OCT 11 2007

In the Claims:

1. (CURRENTLY AMENDED) A prosthetic device for use with a hip replacement prosthesis that includes an acetabular cup assembly to be fastened to a patient's pelvis and a femoral stem to be fastened to the patient's femur, where the femoral stem includes a ball component at its proximal end received within the acetabular cup assembly to form a ball joint type coupling, the prosthetic device comprising:

an acetabular liner ~~having mating features to releasably~~ for releasably engaging  
~~engage corresponding mating features of~~ an acetabular cup permanently mounted to the patient's pelvis; and

a semiannular augment to be mounted ~~approximate~~ to a rim of an acetabular liner of a hip replacement prosthesis, wherein the semiannular augment assists in improving stability of a ball joint type coupling by increasing the height of a portion of the rim of the acetabular liner, at least temporarily, between the acetabular liner and a femoral stem of the hip replacement prosthesis while allowing rotational and angular movement between the acetabular cup assembly and the femoral stem;

the semiannular augment being formed from an augment material comprising at least one of a biologic material, a biologically absorbable material, and a combination of biologic and biologically absorbable materials; and

wherein the augment material is supplemented with at least one of an agent to promote the formation of scar tissue, a clotting agent, and an antibacterial agent; and

wherein the augment material is formulated ~~does not to transform into~~ scar tissue.

2. (ORIGINAL) The prosthetic device of claim 1, further comprising at least one fastener for mounting the semiannular augment to the acetabular cup assembly, the fastener being formed from a fastener material selected from the group consisting of a biologic material, a biologically absorbable material, and a combination of biologic and biologically absorbable materials.

3. (CANCELLED)